FORM PTO-1				ATTY. DOCKET NO. TH2458-02 (US)	APPLICAT 10/816.	ION NUMBER 543				
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REFERENCE	DESTA	VATION	U.S	. PATENT DOCUMENTS			_	-/		
In		Document No.	Date	Patentee	Class	Subclass	Filing Approp	Date if		
	AA	3.972.829	8/76	Michalko .	252	430				
	AB	4.005.049	1/77	Fields	252	467				
	AC	4.908.343	3/90	Bhasin	502	218				
	AD	4.797.270	1/89	Cendan et al	423	625				
	AE	4.361.504	11/82	Solomon et al	252	463				
	AF	4,366,092	12/82	Winterton	252	476				
	AG	4.367.16%	1/83	Lee et al	252	472				
	АН	4.810.689	3/89	Hayden	502	347			_	
·	ΑI	4.186.106	1/80	Rebsdat et al	252	414				
	AJ	4.125.480	11/78	Maxwell	252	414				
	AK	4.886.917	12/89	Knopf et al	568	623			_	
	<u>. </u>		FORE	IGN PATENT DOCUMENTS						
		Document No.	Date	Country	Class	Subclass	Trans1 Yes	ation No		
4	AL	96/23585	8/96	WO	B01J	23/66				
·	AM	96/41848	12/96	MO	C10G	45/08				
	AN	56164013	1980	Japan (Abstract)	C01F	7/02				
	AO	56105750	8/81	Japan (Abstract)	B01J	23/66				
		OTHER DOCUMENT	S (INCLUDING	AUTHOR, TITLE, DATE, P	ERTINENT PAG	ES, ETC.)				
		International Sear	ch Report of	PCT/US2004/14088 dated	i August 11.	2004 (TH2458	PCT).			
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		Written Opinion of	PCT/US2004/1	4088 (TH2458 PCT).	·	-/-				
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The attached cited information should not be construed as an admission that any of the above items are prior art to the subject 1. invention.
This is not a representation that a search has been made.

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FORM PTO-14	149 (H	odified)		ATTY. DOCKET NO. TH2458-02 (US)	APPLICATI 10/816.5	ION NUMBER 343		
l	.IST 0	F INFORMATION PROVIDE BY APPLICANT	D	APPLICANT Marek Matusz et al			-	
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REFERENCE D	ESIGN	ATION	U.S	. PATENT DOCUMENTS	<u>+</u>			
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing D Appropri	
	BA	5.057.481	10/91	Bhasin	502	208	/	
	BB	2.901.441	8/59	Waterman	252	463		
	BC	5.734.068	3/98	Klopries et al	549	536		
	BD	5.868.077	9/97	Klopries et al	502	347		
	BE	4.874.730	10/89	Boxhoorn	502	218		
	BF	4.916.243	4/90	Bhasin et al	549	534		
	BG	5,387,751	2/95	Hayden etal	549	534		
	ВН	5,447,897	9/95	Kemp	592	303		
	BI	5,486,628	1/98	Kemp	549	536		
	BJ	5,545,603	8/96	Kemp	502	347		
	BK	5,663,385	9/97	Kemp	549	536	-	
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	DI.	Document No.	Date	Country	Class	Subclass	Yes	No
·	BL	211521 A1	2/87	YEP \	B01J	23/66		
	ВМ	0937498 A1	8/99	EP	B01J	23/66		
	BN	563 414 A1	10.93	EP	B01J	23/52	-	
,	B0	568.978 A1	11/93	EP	G016	19/56		
•		OTHER DOCUMENTS	(INCLUDING A	UTHOR, TITLE, DATE, PER	TINENT PAG	SS. ETC.)		
	BR	International Search	Report of P	CT/US2004/14087 dated S	September 2	3, 2004 (TH2	306 PCT).	
	BS	Written Opinion of P	CT/US2004/14	087 (TH2306 PCT)				
	ВТ	International Prelim	inary Report	on Patentability of PC	CT/US2004/1	4087 (TH2306	PCT).	
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FORM PTO-1	449 (M	odified)	-	ATTY. DOCKET NO.		ION NUMBER			
	ו זפד ח	OF INFORMATION PROVID	, .	TH2458-02(US) APPLICANT	10/816.	543			
	LISI U	BY APPLICANT	DED	Marek Matusz et al					
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REFERENCE	DESIGN	ATION	U.S	. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Appropr	Date if	
	CA	5.055,442	1,0/91	Osaka et al	502	439			
	СВ	5.037,794	8/91	Magistro	502	355			
***************************************	cc	4.994.588	2/91	Kapicak et al	549	534			
·	CD	4.994.589	2/91	Notermann	549	534			
	CE	5.112.195	5/92	Minahan et al	502	824			_
**	CF	5,380,697	1/95	Matusz et al	502	348	 		
	CG	4.797,279	1/89	Karamata et al	124	93			
	СН	5.374.748	12/94	Rizkalla	549	534	 		_
	CI	4.361.500	1N82	Mathe et al	252	430	<u> </u>		
	CJ	3,895,093	07/75	Weidenbach et al	.423	213.5			_
	CK	4,235,798	11/80	Bartley et al.	260	449			
 	L		FOREI	GN PATENT DOCUMENTS					_
		Document No.	Date	Country	Class	Subclass	Trans1 Yes	ation No	_
	CL	2.005.978	10/69	France (abstract)	G08C	13/02	162		—
	CM	716.884 A2	06/96	EP .	B01J	23/66			_
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	CN	1,277.698 A2	01/03	EP	C01B	3/38			
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		OTHER DOCUMENTS	(INCLUDING A	UTHOR, TITLE, DATE, PE	RTINENT PAG	ES, ETC.)			_
	CR	Fulton, J. W., "Se" 97-101.	lecting the Ca	atalyst Configuration"	, Chemical	ngineering.	May 12,	1986, p.	_
	LK	97-101.							
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conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.

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FORM PTO-1449 (Modified)				ATTY. DOCKET NO. APPLICATION NUMBER TH2458-02 (US) 10/816.543					
	LIST (OF INFORMATION PROVI BY APPLICANT	DED .	APPLICANT Marek Matusz et al					
(Use several sheets if necessary)				FILING DATE April 1. 2004	GROUP ART	,			
REFERENCE	DESIGN	ATION	U.S	. PATENT DOCUMENTS			•		
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate		
	DA	4,244,889	01/81	Bartley et al.	564	132			
	DB	4.356.312	10/82	Nieslen et al.	549	534			
	DC	4.368.144	01/83	Mitsuhata et al.	252	463			
<u> </u>	DD	4.379.134	94/83	Weber et al.	423	626			
 .	DE	4.420.420	12/83	Mita et al.	502	261			
····	DF	4,628,129	12/86	Bartley	568	864			
	DG	4.665.048	05/87	Van Leeuwen et al	502	221			
	DH	5,935,894	08/99	Kanazirev	502	341			
	DI	6,103,916	08/00	Takada et al	549	534			
	ΟJ	6.281.160	08/01	Basset et al	502	332			
-/-	DK	4.361.503	11/82	Dwyer et al.	252	455			
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	EA	2.424.083	07/47	Finch et al.	252	204		
	EB.	4.382.149	05/83	Krueger	568	473		
	EC	3.997.476	12/76	Cull	252	463		
	ED	4.532.231	7/85	Johnson	502	347		
	EE	4.511.671	4/85	Saito et al	502	242		
	EF	4.645.754	2/87	Tamura et al	502	527		
	EG	4.656,157	4/87	Mofmann et al	502	439		
	ЕН	2002/0010378	1/02	Kakimoto et al	568	867		
	EI	4.366.093	12/82	Shiozaki et al	252	477		
	EJ	6.325.919	12/01	Koyama et al	208	134		
	EX	5,100.859	3/92	Gerdes et al	502	439		
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	FA	4,033,903	7/77	Maxwell	252	4/6		
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